Mountain Weather Forecast

Peak District National Park

Forecast valid from 06:00 on Sunday 31 Jan 2021 until 23:59 on Monday 01 Feb 2021

Forecast Issued on Sunday 31 Jan 2021 at 02:42

Confidence: High for cold but dry weather on Sunday then some uncertainty in the extent of any light snow on Monday. High for unsettled conditions from Tuesday onwards with periods of rain, sleet or snow.

Headline for Sunday 31 Jan 2021: Very cold but dry and bright. Breezy on the tops.

Mountain weather hazards on Sunday 31 Jan 2021

Blizzards No Likelihood	**Heavy Snow** No Likelihood	**Storm force winds** No Likelihood
Gales No Likelihood	**Severe chill effect** Medium Likelihood	**Poor visibility** No Likelihood
Thunderstorms No Likelihood	**Heavy persistent rain** No Likelihood	**Strong sunlight** No Likelihood

Weather and chance of precipitation at 600m					
Time					
06:00	09:00	12:00	15:00	18:00	21:00
Partly cloudy (night)	Cloudy	Cloudy	Cloudy	Cloudy	Cloudy
Precipitation probability					
<05%	<05%	<05%	<05%	<05%	<05%

Forecast for Sunday 31 Jan 2021

Weather: Widespread frost. Dry with long bright or sunny spells but some high cloud coming over in the afternoon and evening. Light snow flurries may reach the area late in the evening. Feeling bitterly cold on the tops in the easterly breeze.

Chance of cloud free mountain/hill tops above 600m: 95%.

Visibility: No issues. Very good visibility at all elevations.

Check our weather forecast every day to get the most accurate and up to date information
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Forecast for Sunday 31 Jan 2021

Height (m)	Wind Speed mean/gusts (mph) Wind Direction (blowing from)						
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	22/32 E	24/34 SE	24/32 SE	24/32 E	23/34 E	23/34 E	19/30 E
300	8/11 N	17/28 E	15/23 E	14/22 E	12/18 NE	13/22 E	10/16 NE
Valley	14/27 E	10/21 E	11/21 E	10/19 E	12/23 E	13/25 E	14/26 E

Height (m)	Temperature / Feels Like (°C)						
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	-2/-10	-2/-10	-2/-10	-2/-10	-3/-10	-3/-11	-3/-10
300	-1/-5	-0/-6	0/-5	1/-5	-0/-5	-0/-6	-1/-6
Valley	-0/-6	0/-4	1/-3	2/-3	1/-4	0/-5	-0/-6
Freezing Level*	00m	100m	100m	100m	100m	00m	00m

**Level above which ground is expected to be frozen/snow is expected to settle.*

Meteorologist's View

A mainly dry but bitterly cold day on the hills. Valley temperatures down to Minus 3 or 4C early morning.

Recent rainfall: measured at Cat & Fiddle: altitude 511m

Recorded at	Last 24 hours:	Last 48 hours:	Last 72 hours:
03:00 on Sun 31 Jan 2021	0mm	3.2mm	27.4mm

Forecast for Monday 01 Feb 2021

Weather: Mainly dry and cloudy with a few bright intervals and still feeling bitterly cold. Cloud will increase to perhaps bring some light snow at times, especially later in the day, mainly in the south of the Park.

Maximum wind: Easterly 20 gusts 30mph. Severe wind chill.

Chance of cloud free mountain/hill tops above 600m: 80%.

Visibility: Good visibility for most of the day. Temporarily down to a few kilometres in light snow with some patchy cloud cover above 500 or 600m.

Temperature: **Valleys:** Minus 2 or 3C rising to 3C.
At 600m: Minus 1 or 2C.
Freezing level: Ground expected to be frozen down to valley level.

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